

INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/US 02/21993

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04J11/00 H04L1/06 H04B7/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Maximum documentation searched (classification system followed by classification symbols)

IPC 7 H04J H04L H04B

Documentation searched other than maximum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Character of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 97 08861 A (TERAYON CORP) 6 March 1997 (1997-03-06) page 53, line 16 -page 54, line 2	1, 3-8, 18, 20-25
Y	page 55, line 16 -page 56, line 28; figures 19, 28A page 64, line 17 -page 65, line 7 page 70, line 15 -page 73, line 10; figures 21, 23, 24 page 140, line 4 -page 141, line 29; figures 50, 51	2, 9-17, 19, 26-34

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *P* document published prior to the International filing date but later than the priority date claimed

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U document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the international search

27 October 2003

Date of mailing of the international search report

04/11/2003

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Description of document, with indication, where appropriate, of the relevant passages	Relevancy to claim(s)
X	US 5 781 542 A (SAITO TATSUNORI ET AL) 14 July 1998 (1998-07-14) column 1, line 1 - line 14	3-6, 8, 18-23, 25
A	column 1, line 45 -column 2, line 14 column 9, line 60 -column 10, line 53; figure 5	7, 9-17, 24, 26-34
Y	THOMPSON J S ET AL: "Downlink transmit diversity schemes for CDMA networks" IEE PROCEEDINGS: COMMUNICATIONS, INSTITUTION OF ELECTRICAL ENGINEERS, 68, vol. 147, no. 6, 11 December 2000 (2000-12-11), pages 371-380, XP006013998 ISSN: 1350-2429 paragraphs '00021, '00031	2, 9-17, 19, 26-34
A	US 5 729 570 A (MAGILL DAVID T) 17 March 1998 (1998-03-17) column 1, line 66 -column 2, line 35 column 3, line 14 - line 54; claims 1-7; figure 2	1-34

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Information on patent family members

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PCT/US 02/21993

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WO 9708861	A 06-03-1997	US 5768269 A US 5793759 A US 6356555 B1 AT 216543 T AU 711984 B2 AU 6714896 A BR 9610132 A CA 2230294 A1 DE 69620781 D1 DE 69620781 T2 EP 1107597 A2 EP 1130918 A2 EP 1130919 A2 EP 1107598 A2 EP 1107599 A2 EP 0858695 A1 IL 123278 A JP 2002505042 T KR 274300 B1 WO 9708861 A1 US 6154456 A US 5966376 A US 5745837 A US 2001001616 A1 US 2001046266 A1 US 2001024474 A1 US 2002015423 A1 US 5991308 A US 2003156603 A1 US 6307868 B1 AU 2210597 A WO 9734421 A1	16-06-1998 11-08-1998 12-03-2002 15-05-2002 28-10-1999 19-03-1997 21-12-1999 06-03-1997 23-05-2002 28-11-2002 13-06-2001 05-09-2001 05-09-2001 13-06-2001 13-06-2001 19-08-1998 10-03-2002 12-02-2002 15-12-2000 06-03-1997 28-11-2000 12-10-1999 28-04-1998 24-05-2001 29-11-2001 27-09-2001 07-02-2002 23-11-1999 21-08-2003 23-10-2001 01-10-1997 18-09-1997
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